

Application of additive technologies in the process of technological preparation of aviation products

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Abstract

© Published under licence by IOP Publishing Ltd. Preparation of production and development of new science-intensive products is a complex and time-consuming process, including the creation of product models for carrying out a series of experimental studies to refine computational models, and then manufacturing the necessary technological equipment. The use of digital production technologies can reduce the laboriousness of this process. This work researches on decrease in time of development of details of the gas-turbine engine with use of digital manufacture concepts and additive technologies are given.

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